

# PoolLAB 2.0<sup>®</sup>

## PHOTOMETER



MEASURES 3 PARAMETERS IN PARALLEL

24 *Pool* PARAMETERS

BLUETOOTH<sup>®</sup> AND WIFI

LARGE COLOR DISPLAY

EXCHANGEABLE CUVETTE

4 WAVELENGTHS (460|525|590|625NM)

FREE SOFTWARE | APP | CLOUD

TABLETS | LIQUIDS | POWDER REAGENTS

### 24 *Pool* PARAMETERS:

Chlorine (free, combined, total) | pH value | Alkalinity (Acid Capacity) | Cyanuric Acid (Stabilizer) | Active Oxygen (MPS)\* | Bromine\*\* | Chlorine Dioxide\*\* | Ozone\*\* | Hydrogen Peroxide\* | Aluminum\* | Ammonium\* | Calcium Hardness\* | Chloramine\* | Copper\* | Iron\* | Nitrate\* | Phosphate\* | PHMB\* | Potassium\* | Nitrite\* | Sulfate\* | Total Hardness\* | Urea\* | Zinc\*

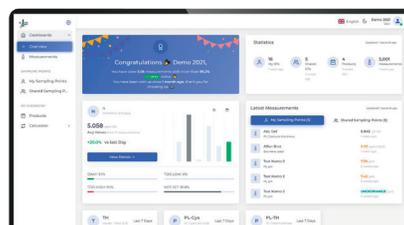
### SOFTWARE & APP



Available on the  


GET IT ON  


### CLOUD



### SCAN ME!



\*REQUIRES REAGENTS NOT INCLUDED IN THE BASIC KIT

\*\*REQUIRES GLYCINE TABLETS IF CHLORINE IS PRESENTS IN THE SAMPLE GLYCINE TABLETS ARE NOT INCLUDED IN THE BASIC KIT



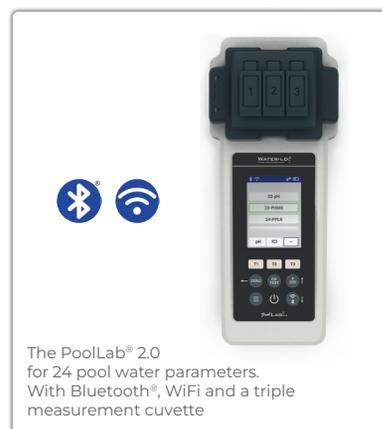
## FEATURES

The PoolLab® 2.0 is the perfect solution for professional water analysis of pools and spas. The fixed but exchangeable triple measurement-cuvette allows quick sampling by simply dipping the IP68 waterproof PoolLab® into the water.

9 keys give direct access to the ZERO operation (only required 1 x per measurement batch) and to the 24 different pool water parameters. The PoolLab® 2.0 has both Bluetooth® and WiFi built-in to either actively connect to the free LabCom® software and app, or to automatically synchronize data with the LabCom® Cloud.

Test results are always assigned to the measurement source accounts individually created by the user. In the LabCom® software and app, one can, among other things, print reports, calculate the active chlorine content and even receive dosage recommendations based on individually entered water treatment products. LSI index calculation is also offered via the software and app.

A free cloud service - with which PoolLab® 2.0 can automatically synchronize data via WiFi - ensures that the software and app always work with the same database.



## PARAMETERS

Parameters	Tablet method	Liquid method	Parameters	Tablet method	Liquid method
Active Oxygen (MPS)	0.00 - 20.00 mg/l MPS <sup>1</sup>	--	Iron (LR)	<sup>3</sup> 0.00 - 1.00 mg/l Fe <sup>2+/3+</sup>	<sup>1</sup> --
Alkalinity-M	0 - 200 mg/l CaCO <sub>3</sub>	0 - 200 mg/l CaCO <sub>3</sub>	Nitrate	<sup>3</sup> 1 - 50 mg/l NO <sub>3</sub> <sup>-</sup>	<sup>1</sup> --
Aluminium	<sup>3</sup> 0.00 - 0.30 mg/l Al <sup>3+</sup>	--	Nitrite (LR)	<sup>3</sup> 0.00 - 1.50 mg/l NO <sub>2</sub> <sup>-</sup>	<sup>2</sup> --
Ammonia	<sup>3</sup> 0.00 - 1.20 mg/l NH <sub>3</sub>	--	Ozone	0.00 - 4.00 mg/l O <sub>3</sub>	<sup>2</sup> 0.00 - 2.70 mg/l O <sub>3</sub>
Bromine	0.00 - 13.00 mg/l Br <sub>2</sub>	<sup>2</sup> 0.00 - 9.00 mg/l Br <sub>2</sub>	<sup>12</sup>	pH	pH 6.50 - 8.40
Calcium Hardness	<sup>3</sup> --	0 - 500 mg/l CaCO <sub>3</sub>	<sup>1</sup>	PHMB	5 - 60 mg/l PHMB
Chloramines (n)	0.00 - 6.00 mg/l fCl <sub>2</sub> <sup>1</sup> 0.00 - 8.70 mg/l NH <sub>2</sub> Cl 0.00 - 14.50 mg/l NHCl <sub>2</sub>	--	Phosphate (LR)	<sup>3</sup> 0.00 - 4.00 mg/l PO <sub>4</sub> <sup>3-</sup>	<sup>1</sup> --
Chlorine (fCl   cCl   tCl)	0.00 - 6.00 mg/l Cl <sub>2</sub>	0.00 - 4.00 mg/l Cl <sub>2</sub>	<sup>1</sup>	Phosphate (HR)	<sup>3</sup> 0 - 80 mg/l PO <sub>4</sub> <sup>3-</sup>
Chlorine (HR)	5 - 200 mg/l Cl <sub>2</sub>	<sup>1</sup> --	Potassium	0.7 - 12.0 mg/l K <sup>+</sup>	<sup>2</sup> --
Chlorine Dioxide	0.00 - 11.00 mg/l ClO <sub>2</sub>	<sup>2</sup> 0.00 - 7.50 mg/l ClO <sub>2</sub>	<sup>12</sup>	Sulphate	5 - 100 mg/l SO <sub>4</sub> <sup>2-</sup>
Copper	0.00 - 5.00 mg/l Cu <sup>2+</sup>	<sup>1</sup> --	Total hardness	--	0 - 500 mg/l CaCO <sub>3</sub>
Cyanuric Acid	0 - 100 mg/l Cya	--	Urea	<sup>3</sup> 0.10 - 2.50 mg/l CH <sub>4</sub> N <sub>2</sub> O	<sup>1</sup> 0.10 - 2.50 mg/l CH <sub>4</sub> N <sub>2</sub> O
Hydrogen Peroxide (LR)	0.00 - 2.40 mg/l H <sub>2</sub> O <sub>2</sub>	<sup>1</sup> --	Zinc	0.00 - 1.00 mg/l Zn <sup>2+</sup>	<sup>1</sup> --
Hydrogen Peroxide (HR)	0 - 180 mg/l H <sub>2</sub> O <sub>2</sub>	<sup>1</sup> --			

<sup>1</sup> Reagents are not included in the basic set.

<sup>2</sup> Requires glycine tablets if chlorine is present in the sample - glycine tablets are not included in the basic set.

<sup>3</sup> Can only be measured individually.

## KITS

### Basic Kit:

- 1 x PoolLab 2.0® with Bluetooth® and WiFi
- IP67 waterproof
- 1 x Triple measurement cuvette (exchangeable)
- 1 x Light protection cap
- 3 x Plastic stirring rod
- 1 x 10 ml syringe
- 3 x AA batteries
- 1 x Printed user manual
- 1 x Collecting bag
- Free LabCOM® Software
- Free LabCOM® App
- Free LabCOM® Cloud Service

### Parameters:

All parameters from the above shown table.

Possible future parameters can easily be imported by running an update (LabCOM® App/ Software).

### Reagents:

- 20 Tablets Phenol Red
- 20 Tablets DPD N° 1
- 10 Tablets DPD N° 3
- 10 Tablets Alkalinity-M
- 10 Tablets CYA-Test

All tablets are Photometer grade

We will be glad to offer you our products with your logo/as your own variant!

Write to [sales@water-id.com](mailto:sales@water-id.com) to receive a customized quote.